

INSTALLATION REPORT

DataMaster DMT: 100151
Location: BARRE CITY PD
Adjustment Date: 9/18/2025
Calibration Date: 9/18/2025
Installation Date: 10/7/2025
Installed by: JEFF DUKETTE



Default Options Loaded

Diagnostic Results

VERSIONS
DMT: 2.07
PIC: 3.07
Modem: 3.0
Questions: 3.0

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 47.8°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.97 V
Cooler Voltage = 1.76 V
Bias Voltage = 80 V
Chopper Freq = 528 Hz

PUMP INFO

Flow Rate = 4.697 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0551	-0.0510
MIN(V)	-0.0567	-0.0535

FILTER INFO

Filter 1	-0.053	Zero = true
Filter 2	-0.192	Zero = true
Filter 3	0.623	Zero = true

INSTALLATION PASSED

Accuracy and Precision Check

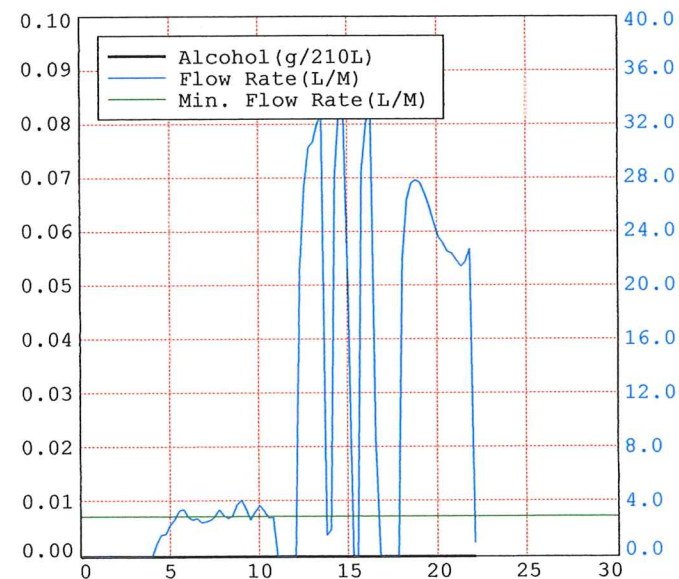
Concentration	= 0.100 g/210L
Lot #	= 25-21-100
Range	= 0.095 - 0.105
Average	= 0.101 g/210L
Std Dev	= 0.0002

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

[Signature]

Date 10/7/2025

Reviewed by

[Signature]

Date

10/24/25

Simulator Temperature Check

Simulator Serial Number:

DMT Serial Number:

Simulator Location:

NIST Traceable Thermometer Serial Number:

JSO 10/7/25 → 100151
 → MP3520
 Barre City PD
 21 FMM 02249

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.99	34.01	0.02 0.02	(Y) / N

JSO 10/7/25

* $\pm 0.10^{\circ}\text{C}$ agreement between thermometer and simulator* Simulator temperature reads $34.00 \pm 0.05^{\circ}\text{C}$

Was temperature adjustment performed?

Y / (N)

As Left (if applicable)

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator				Y / N

Notes:

Check Performed By:

Date:

10/7/25

Reviewed by:

Date:

10/24/25